PROP. PAY LIMIT OF HMA SURF. REMOVAL FULL THICKNESS OF MILLING TEMP. RAMP (NOTE "E") PROP. HMA SURFACE REMOVAL EXIST. PAVEMENT EXIST. HMA MILLED TEMPORARY RAMP (FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW) OPTION 1 PROP. PAY LIMIT OF HMA SURF. REMOVAL FULL THICKNESS OF MILLING SAW CUT (INCLUDED IN THE COST TEMP. RAMP OF HMA SURFACE REMOVAL - BUTT JOINT) PROP. HMA SURFACE REMOVAL $1\frac{3}{4}$ (45) FOR E AND F MIX $1\frac{1}{2}$ (40) FOR C AND D MIX 4'-6" (1.35 m) PAY LIMIT EXIST. HMA EXIST. PAVEMENT HMA CONSTRUCTED TEMPORARY RAMP (FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW) OPTION 2 TYPICAL TEMPORARY RAMP HMA TAPER LENGTH SAW CUT (INCLUDED IN THE COST OF HMA SURFACE REMOVAL - BUTT JOINT) PROP. HMA SURF. CRSE. PROP. HMA BINDER CRSE. 4'-6" (1.35 m) VARIES_ $1\frac{1}{4}$ (45) FOR E AND F MIX $1\frac{1}{2}$ (40) FOR C AND D MIX PAY LIMIT FOR BUTT JOINT (NOTE "D") EXIST, HMA SURF. EXIST. PAVEMENT HMA SURF. REMOVAL - BUTT JOINT MIN. BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER

FOR MILLING AND RESURFACING

579 533 STA. TO STA FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT PROP. HMA OR PCC SURFACE REMOVAL - BUTT JOINT 30'-0" (9.0 m) (NOTE "A") SAW CUT (INCLUDED IN THE COST EXIST. HMA OR PCC SURFACE OF HMA OR P.C.C. SURFACE REMOVAL 15'-0" (4.5 m) (NOTE "B") - BUTT JOINT) (NOTE "D") 13/4 (45) FOR E AND F MIX 11/2 (40) FOR C AND D MIX * * EXIST. PAVEMENT BUTT JOINT DETAIL TAPER LENGTH * * VARIES PROP. HMA SURF. CRSE. -13/4 (45) FOR E AND F MIX PROP. HMA BINDER CRSE. -11/2 (40) FOR C AND D MIX * * EXIST. PAVEMENT HMA TAPER DETAIL TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY * * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT. NOTES A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS. B: MINOR SIDE ROADS. C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE. D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES. E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS. F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

** ** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A") 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN,

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT". | REVISIONS | NAME | DATE | NAME | DATE | N. DE YONG | 6-13-90 | N. DE YONG | 7-3-90 | N. DE YONG | 3-27-92 | R. SHAH | 09/09/94 | R. SHAH | 10/25/94 | A. ABBAS | 03/2(1/97 | N. GOMEZ | 04/06/01 | R. BORO | 01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE

DRAWN BY CHECKED BY

CONTRACT NO.

COUNTY

RTE. SECTION

TOTAL SHEET NO.

BD400-05 (VI=BD32)

DATE = 3/5/2007 NAME = Kildistatd/bd32dgn SCALE = 50.0000 / IN.